

NEW JOHN DEERE 630 AND 730

STANDARD TRACTORS



HUSKY, ECONOMICAL POWER

FOR GRAIN AND

RICE GROWERS



Step up to new farming ease and convenience with one of these **NEW JOHN DEERE**

If you're a grain grower, a rice grower, or if your operations call for a powerful four-wheel tractor, you'll want to see and drive a new John Deere "630" or "730" Standard Tractor. Even if you've driven other John Deere Tractors, you'll be pleasantly surprised at the new comfort, ease, and convenience of these new models that make farming more enjoyable for you.

Of even greater importance, these new tractors will turn out a full day's work with maximum savings in time, effort, and fuel. The 4-plow "630" offers you more than 48 belt horsepower to match the power requirements of medium- and large-acreage operations. The 5-plow "730" develops more than 58 belt horsepower to handle even larger equipment or to work in higher gears at increased capacity. Naturally, both tractors offer you the greater fuel and maintenance economy, the long-lived dependability of exclusive John Deere two-cylinder engine design.

These tractors are completely at home in grain and ricefields. Each is compactly designed with a short wheelbase and features wide rear fenders and sturdy oscillating front axle. In addition, both tractors are available with an outstanding combination of modern features that save your muscle and help insure better work. These include *Advanced Power Steering*, *Custom Powr-Trol*, *Universal 3-Point Hitch*, *Independent Power Take-Off*, *Float-Ride Seat* and many others.

You can choose a new John Deere "630" or "730" Standard Tractor with a gasoline, LP-Gas, or all-fuel engine; the "730" is also available as a Diesel, with the same outstanding engine that set an all-time tractor fuel-economy record in official tests. Yes, for power and economy, comfort and convenience—your tractor dollar buys much more in value when you choose a modern John Deere Tractor. Ask your John Deere Dealer for a free demonstration.

THE NEW **730** DIESEL STANDARD



Here's an outstanding tractor that will lower the "cost of accomplishment" for large-acreage operators everywhere. It's the new 5-plow John Deere "730" Diesel Standard, a tractor that is unmatched for fuel economy. The new "730" Diesel slashes labor cost by greatly increasing one man's daily work output and provides additional dollar savings on upkeep costs. You can choose a new "730" Diesel with either starting engine or electric starting. See page 9 for additional features of the "730" Diesel.

TRACTORS



TWO NEW LP-GAS MODELS

If LP-Gas is your fuel, your best buy is a new "630" or "730" LP-Gas Standard Tractor. Each of these models is factory-engineered from the ground up to handle LP fuels with maximum fuel-burning efficiency and dollar-saving economy. Some of the many outstanding features of these models are discussed on page 8. A special booklet describing the advantages of LP-Gas as a farm tractor fuel and of John Deere LP-Gas Tractors is available. See your John Deere dealer or write John Deere, Moline, Ill., for your free copy.





Convenient Controls

This operator's platform with all controls conveniently located places you in real command of your job. Throttle, clutch and gearshift levers are within easy reach, giving you complete control of the tractor. You'll like the new ease with which you can shift gears. Brake and PTO pedals are properly placed for easy operation. Hydraulic controls are located near your right hand.



Pushbutton Starting

Just push this convenient button, and the powerful John Deere engine turns over eagerly, ready to go to work. Note that the starter button and the ignition switch are located close together for faster, easier one-hand operation.

Easy-to-Read Instrument Panel

This new full-view instrument panel enables you to check gauges easily whether sitting or standing. The panel is divided with fuel, oil pressure, ammeter, and water temperature gauges at the top; speed-hour meter, cigarette lighter, ignition switch, and starter button in the lower panel. Both sections are lighted for easy reading at night.



The 630 and 730 STANDARDS are



Rugged and powerful, the new "630" and "730" Standard Tractors enable you to work large equipment and handle tough jobs with greater speed, ease, and convenience. This "730" Diesel Standard is pulling a big-capacity John Deere 650 Tool Carrier.

The new John Deere "630" and "730" Standard Tractors are ideally suited to the requirements of grain and rice growers. Each is compactly designed with a short wheelbase (80-1/2 inches on the "630" Series; 82-3/8 inches on the "730" Series). This design along with the positive-action differential brakes provides maximum field maneuverability and permits extremely short turns.

Wide rear fenders extend out over the rear tires, affording you greater protection from dirt, dust, and mud thrown up by the rear tires. These fenders are sturdily built and provide a greater margin of safety when working over rough fields and on hillsides. The quick-change wheel tread feature enables you to space rear wheels easily to provide greater clearance between fenders and tires in mud or snow or when chains are to be used.

your work easier and more enjoyable

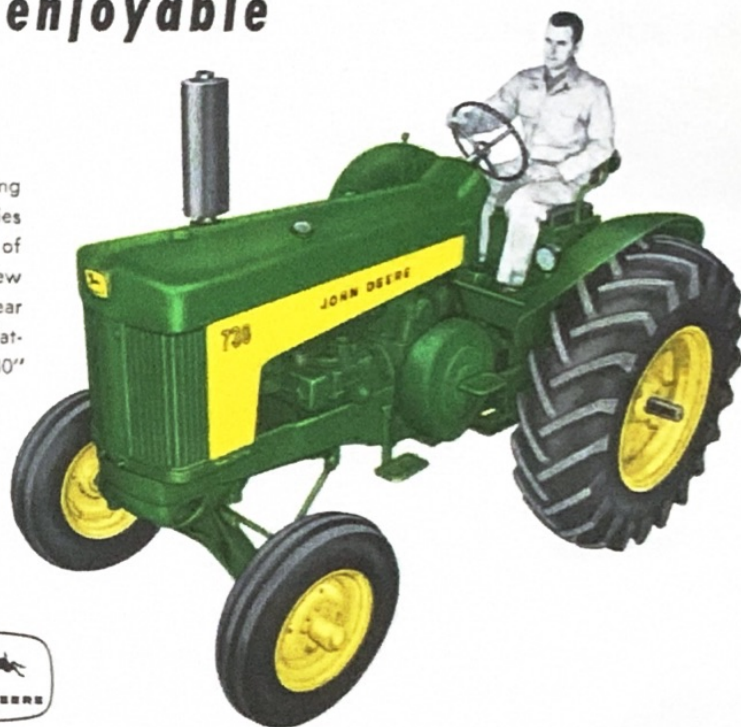


Modern Styling

Sparkling new two-tone color styling identifies the new John Deere "30" Series Tractors; and sets the pace for a host of modern better-work features. This view shows the compact design, wide rear fenders, and the roomy operator's platform that are yours with a modern "630" or "730" Standard Tractor.

Quieter Operation

This new muffler greatly reduces engine sound without loss of horsepower. A large baffle area muffles noise; yet permits exhaust gases to flow through quickly. Quieter operation helps keep you free of tension and fatigue. The new muffler is oval-shaped and does not interfere with your view.



especially designed for grain and rice growers

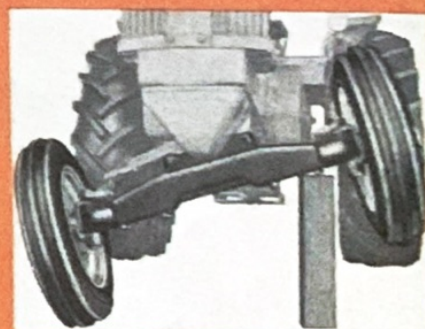
Up front, a heavy-duty oscillating front axle cushions the shocks and bumps of rough fields for a smoother, more comfortable ride. This type of front axle also makes it easier to cross ditches and levees. The "630" and "730" Standard Tractors are regularly furnished with a 55-1/2-inch fixed-tread front axle. An adjustable front axle is available, enabling you to space wheels to settings of 52, 56, 60, 64, and 68 inches. The adjustable front axle provides greater stability for hillside work, greater clearance for belt work, and a matched tread with the rear wheels.

Add to these basic design features the power, economy, durability, and modern power features, and you'll agree these new "630" and "730" Standards are designed to enable you to do a better job on every grain and rice operation.

This husky front axle has a generous 20-degree oscillating range for working in bedded land, checks, levees, and other rough ground conditions.

Wide rear fenders (lower right) are regularly furnished to protect you from dust, dirt, and mud from rear tires and to provide added safety when working on hillsides.

Short, compact design (below) provides maximum field maneuverability; enables you to dodge obstructions with ease and make extremely short turns.



JOHN DEERE 630 and 730 STANDARDS

on large-acreage operations

No other tractor compares with a John Deere when it comes to turning out quality work, holding down costs, and boosting profits season after season. This is the type of performance provided by the new John Deere "630" and "730" Standards.

You'll be amazed at the amount of work one man and a new "630" or "730" Standard can accomplish in a single day. These powerful tractors handle large equipment and save time on every job. The full capacity of large plows, disk tillers, field cultivators, tool carriers, grain drills, rod weeders, and similar heavy-duty equipment can be utilized. In many cases, you'll pull multiple hookups of implements, controlling the quality of the work with finger-tip ease through the hydraulic muscle of *Custom Powr-Trol*.

A gallon of fuel goes further, does more work in a John Deere Tractor. Your fuel costs will go 'way down, and that means extra profit dollars in your pocket. The official fuel economy records for gasoline,

LP-Gas, and Diesel are *all* held by John Deere Tractors—and the new "630" and "730" Standards will prove this economy in your fields.

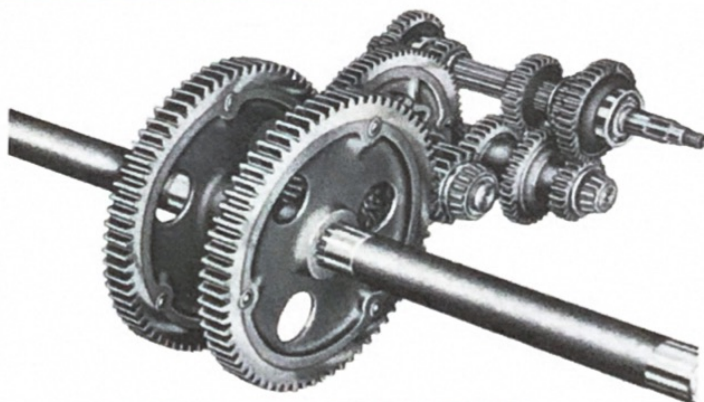
You'll enjoy added savings on maintenance, thanks to the exclusive two-cylinder engine design. With practically half-as-many, twice-as-husky engine parts as other makes of tractors, upkeep costs are held to a minimum. There are fewer engine parts to wear and require eventual replacements; all parts can be—and are—made heavier and stronger to stand up under punishment for longer life of dependable service.

In the factors that weigh most heavily in determining profits—reduced labor costs through increased daily work output, greater dependability with less down time, lower fuel costs, and lower upkeep costs—John Deere Tractors stand head and shoulders above the field. You can put these advantages to work lowering *your* costs of operation by choosing a modern "630" or "730" Standard Tractor.



UNEQUALLED SIMPLICITY

No other tractor offers you the simplicity of John Deere two-cylinder engine design. There are fewer parts to wear and require replacement.

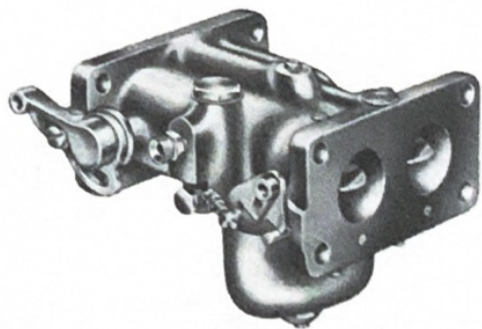


RUGGED CONSTRUCTION

Extra weight and strength are fundamental advantages that enable a John Deere to stand up longer under grueling farm work.

lower costs . . . boost production

The powerful "630" Standard features the same engine that set a new fuel-economy record on gasoline in official tests by developing more horsepower-hours per gallon of fuel on the draw-bar than any other gasoline tractor ever tested.



DUPLEX CARBURETION

This exclusive double-barrelled carburetor insures livelier, more responsive power, smoother engine performance, and greater fuel economy.



EFFICIENT COMBUSTION

This cylinder head combines with the piston to form an efficient combustion chamber which insures rapid and complete combustion, greater fuel economy.

The 630 and 730 offer you a choice of engines

The new John Deere "730" Diesel Standard is a rugged 5-plow tractor that speeds your big jobs to completion for pennies per acre.

You can choose a new John Deere "630" or "730" Standard Tractor with a gasoline, LP-Gas, or all-fuel engine. Each engine offers you many outstanding features . . . several of which are exclusive on John Deere Tractors. A double-barrelled Duplex Carburetor meters identical amounts of the fuel-air mixture to each cylinder to insure livelier and smoother power, greater fuel economy. Exclusive All-Weather Manifold with a two-position valve enables you to control fuel temperature for better combustion winter and summer alike. Automatic Fuel Shutoff positively blocks the flow of fuel to the carburetor when the engine is shut off or oil pressure drops. By-pass cooling for faster warmups . . . automatic crankcase ventilation that keeps the engine cleaner for longer life . . . full pressure lubrication system with full-flow oil filter . . . 12-volt electrical system . . . exhaust valve rotators . . . waterproof ignition system—all these features and more insure better performance, greater satisfaction when you choose a John Deere.

Special LP-Gas Features

John Deere LP-Gas engines are tailored for top

performance on LP fuels. Special features include a higher compression ratio to take advantage of the higher octane LP fuels . . . a completely sealed fuel system with automatic safety devices . . . electric fuel shutoff controlled with the ignition switch . . . efficient fuel converter which allows the fuel to change from liquid to gas, and meters it to the carburetor as needed . . . Duplex Carburetor for LP-Gas . . . cool intake manifold that reduces fuel expansion and provides full power . . . exhaust valve rotators and inserts for longer valve life . . . alloy crankshaft to withstand higher compression . . . handy fuel filler and withdrawal valves, and many others.

The All-Fuel Engine

John Deere all-fuel engines are designed to handle "farm tractor fuels" designated by ASTM (American Standard for Testing Materials) as either light or regular grade. These models are started on gasoline, then through a control valve located on the instrument panel, fuel is drawn from the main tank for normal operation.

Shown below is the powerful "730" LP-Gas Standard. A free booklet discussing LP-Gas and the many advantages of John Deere LP-Gas Tractors is available through your John Deere dealer or by writing to John Deere, Moline, Ill.





The **730 STANDARD** also is available as a *Diesel*

Here is the tractor that will really slash your operating costs—the new “730” *Diesel* Standard. The “730” *Diesel* greatly increases the amount of work you can handle in a day, provides fuel economy that is unmatched by any competitive tractor in official tests, and holds maintenance costs to a minimum through the rugged simplicity of the exclusive two-cylinder engine design. Here is a triple savings that will put more dollars in your pocket.

Special Diesel features include your choice of two starting methods (below), positive fuel filtration, a heavy-duty crankshaft with 3 main bearings, specially designed pistons for controlled combustion, plus a new full-view lighted instrument panel, featuring an electric fuel gauge and speed-hour meter as regular equipment. You'll find it easier to do better work—and more of it—at lower cost when you choose a modern “730” *Diesel* Tractor.

CHOOSE FROM TWO EFFICIENT STARTING METHODS



Electric Starting

When the “730” Diesel is ordered with electric starting, you merely push a button to start the tractor. In colder weather, you can decompress the Diesel engine with the convenient pedal shown left. Heat plugs for both the crankcase oil and cooling system liquid are available in two types (fast and slow warmup) for cold weather operation. A powerful 24-volt electrical system furnishes ample power to crank the Diesel engine.

Engine Starting

This time-proved V-4 gasoline starting engine insures positive starting, even in sub-zero temperatures. The engine is an integral part of the tractor and performs three important functions that help insure fast, easy starting: It furnishes unfailing power to crank the Diesel engine, warms the liquid in the main cooling system, and warms incoming air from the air cleaner. The entire starting cycle takes only a moment.



CUSTOM POWR-TROL offers you effo

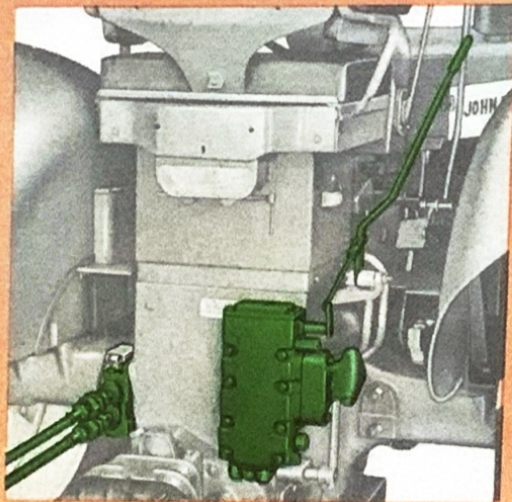


Custom Powr-Trol provides remote cylinder control of single or double hookups of drawn equipment. A touch of the control lever raises, lowers, or accurately adjusts equipment for better work in varying ground conditions.

You can equip your New John Deere Tractor with

Single Remote Cylinder

When a single remote cylinder is desired for controlling drawn equipment, the tractor is furnished with a single-function valve housing, a single control lever, and breakaway hose connections as shown at right. This circuit operates independently of the transmission clutch, powershaft, and any other hydraulic circuit. It provides both fast and slow rise and drop; fast to raise and lower equipment quickly at the end of the field; slow to "inch" equipment up or down to meet varying ground conditions. The control lever returns automatically to a neutral position in fast operation; there's no need to hold the lever while the piston travels through its stroke. You enjoy accurate finger-tip control of equipment.



Dual Remote Cylinders

You can handle double hookups of drawn equipment when the tractor is equipped with this dual-function valve housing and two remote cylinders. Each circuit has its own control lever for individual or simultaneous operation. New breakaway couplings (inset) for the second cylinder are available or the hoses can be attached directly to the valve housing at points "A" at the right. Thermal relief valves automatically relieve excessive pressure which may build up in remote cylinders when exposed to summer heat. Each remote cylinder features an adjustable depth stop which controls implement working depth. The stop can be overridden at any time by holding the control lever in the "slow drop" position.

Effortless hydraulic control of equipment

John Deere *Custom Powr-Trol* is a big-capacity, multi-purpose hydraulic system which provides instant, accurate, and effortless control of equipment; that saves you time and muscle; that insures better work on every job. By simply moving a convenient control lever, you direct smooth hydraulic power to raise or lower heavy equipment . . . angle or straighten disk gangs . . . or adjust implement working position "on the go" to match varying ground conditions.

Tailored to Your Needs

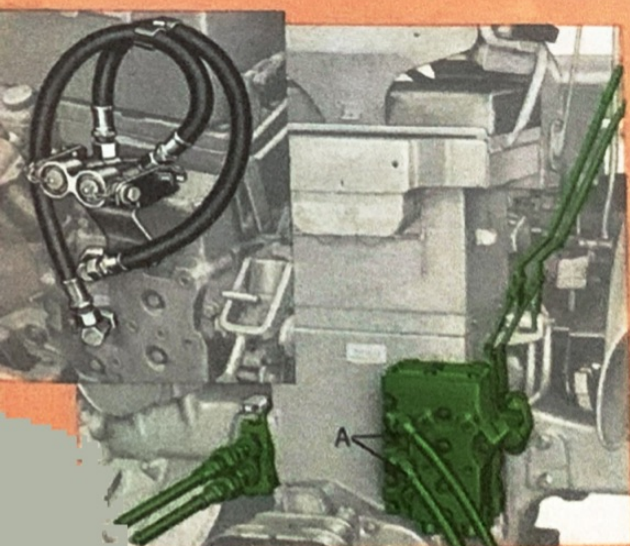
Both the "630" and "730" Standards may be equipped with up to three independent hydraulic circuits to operate one or two remote cylinders for controlling drawn equipment, plus a hydraulically controlled rear rockshaft. The rockshaft is position-responsive and enables you to utilize the versatile

Universal 3-Point Hitch and a wide variety of big-capacity, fast-working "pick up and go" equipment.

With *Custom Powr-Trol*, you can order just the hydraulic system you want without paying for any circuits you do not intend to use. Should your requirements change, other circuits can be added at any time, quickly and at nominal cost. *Custom Powr-Trol* enables you to equip your tractor with a hydraulic system that is tailored to your exact requirements.

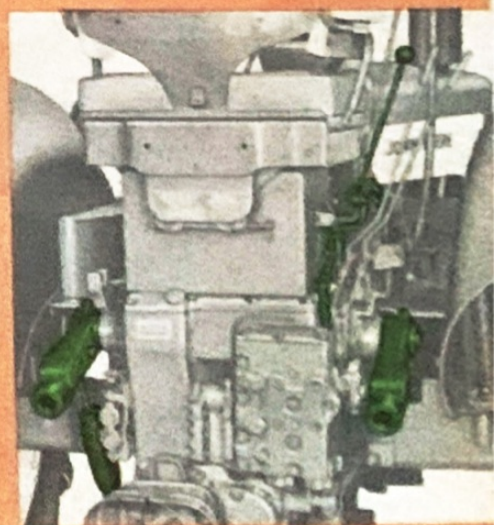
John Deere *Custom Powr-Trol* is a 100 per cent "live" system that is completely independent of the transmission clutch and the powershaft. Each hydraulic circuit has its own control lever and can be operated individually or in combination with the other circuits. Conversion kits are available to locate hydraulic controls on the left side if preferred.

Up to three independent hydraulic circuits



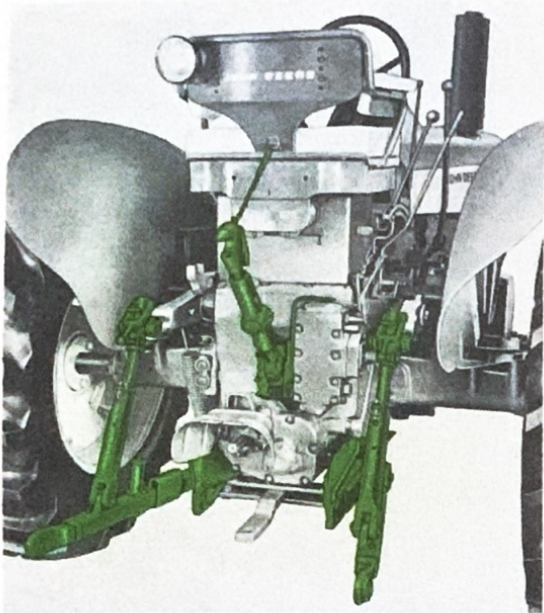
Position-Responsive Rockshaft

This position-responsive rockshaft enables you to utilize the versatile *Universal 3-Point Hitch* and a complete line of matched "pick up and go" equipment. The term "position-responsive" means that the position of the rockshaft is always in direct relation to the position of the control lever in the quadrant. Any setting between maximum depth and maximum height can be obtained by merely moving the lever. A full 75 degree arc of travel provides ample clearance for transporting 3-point equipment. An adjustable stop insures that the implement can be returned to the present depth; it can be by-passed at any time. Pushing the lever all the way forward provides "floating" action that enables equipment to follow contours.



Universal **3-POINT HITCH**

lets you "pick up and go"
on more farm jobs



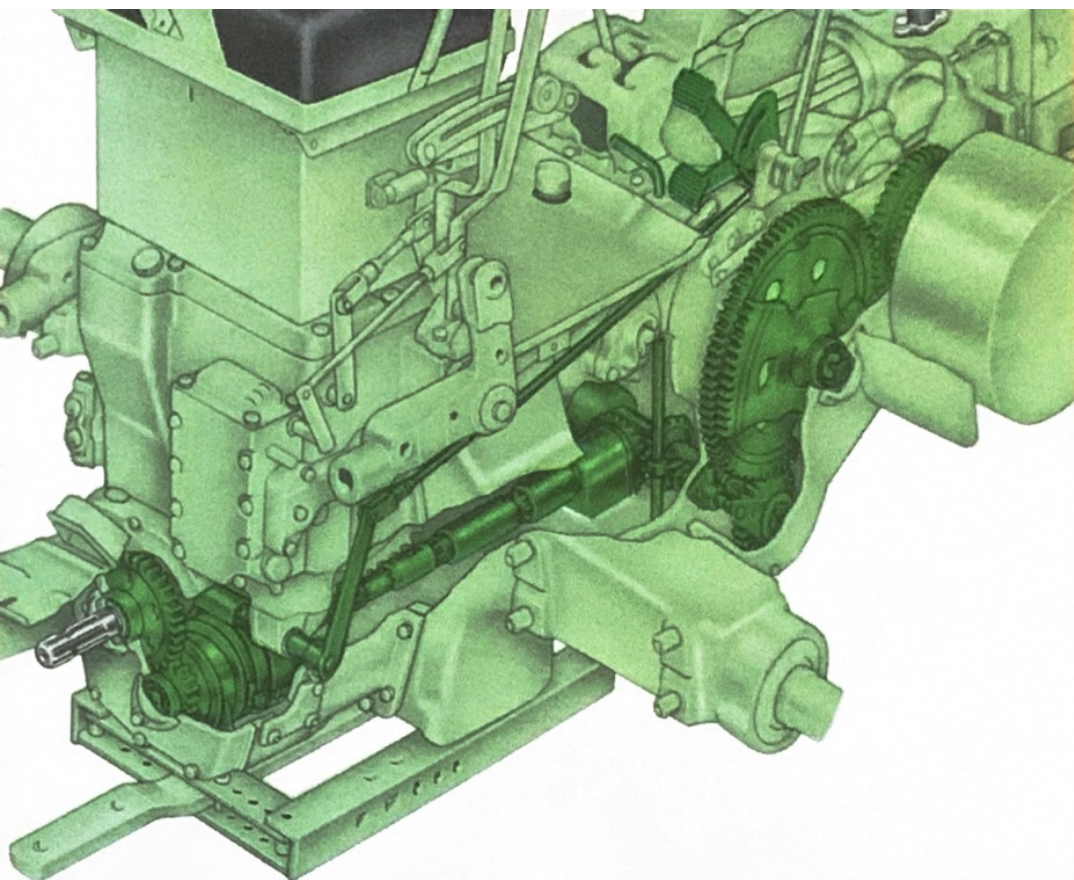
The Universal 3-Point Hitch can be used on any "630" or "730" equipped with a rear rockshaft. One man can easily attach or detach the hitch without the use of tools, without heavy lifting.

Exclusive Load-and-Depth Control automatically takes over the job of controlling the 810 Series 4-bottom Plow in this tough riceland operation.

Quick change from one tool to another . . . high clearance for faster transporting to the job . . . greater field maneuverability—all these advantages are yours with the versatile John Deere *Universal 3-Point Hitch*. This hitch handles a complete line of big-capacity John Deere matched equipment as well as 3-point equipment of other makes. It's the hitch that makes "pick up and go" farming more practical than ever before.

Exclusive Load-and-Depth Control is an outstanding feature of the *Universal 3-Point Hitch*. It automatically performs three important functions that help insure better work on every tillage job. It transfers weight to the tractor drive wheels to provide increased traction as the load increases; it compensates for changes in soil consistency and density; it keeps the implement working at a constant depth in rises and depressions. Load-and-Depth Control is completely automatic; you merely set the working depth—Load-and-Depth Control takes over from there.



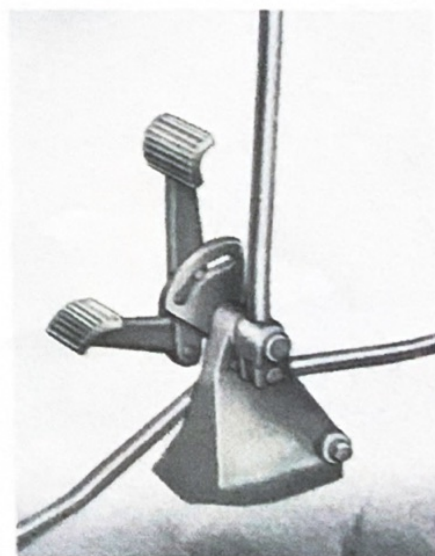


This cutaway shows the husky PTO power train. Note that the powershaft is controlled by a conveniently located pedal. A throwout lever enables you to disengage the power train when the power take-off is not required.

Independent **POWER TAKE-OFF** **speeds every PTO job**

No longer do you need to purchase and maintain auxiliary engines to operate power-driven equipment. The *Independent* Power Take-Off featured on the "630" and "730" Standard Tractors delivers the full engine output completely independent of the transmission clutch and the hydraulic system. You can start or stop tractor travel, shift gears, or operate the hydraulic system without affecting PTO operation.

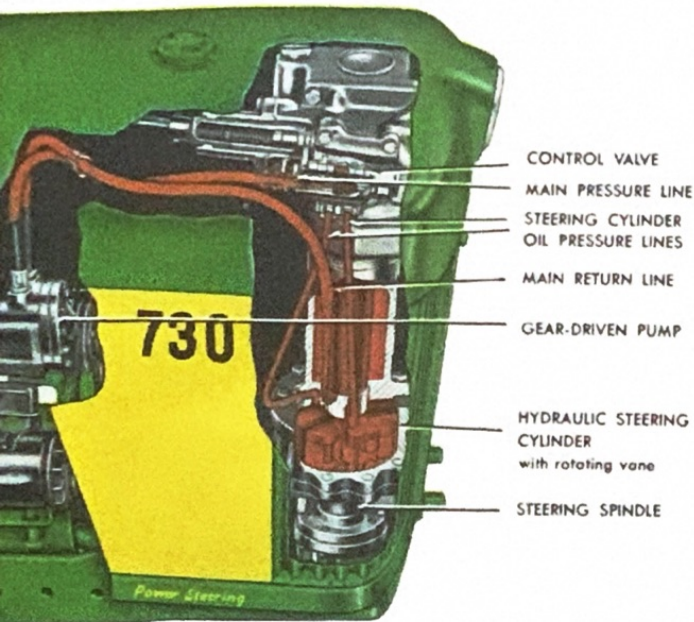
When a slug of heavy material enters a power-driven machine you merely disengage the clutch, allow the machine to clear itself, then continue on your way. A "creeper" gear lets you work with top efficiency in the heaviest crops—you can reduce travel speed to 1-1/2 mph while the powershaft continues to operate at full rpm. Clogging is reduced to a minimum and rarely, if ever, will you have to leave the tractor seat to clean out PTO equipment. A built-in safety slip clutch is an outstanding feature; it protects the powershaft from sudden overloads and permits you to engage the powershaft smoothly even with the engine running at full rpm.



This pedal is moved forward to engage the PTO; back to disengage the PTO and put the system in neutral (above). The PTO can be positively locked by moving the pedal until the small pin enters the notch at the rear of the quadrant.

Only a John Deere offers you such **DRIVING**

Advanced Power Steering saves your muscles on every job



Words can't convey how much John Deere *Advanced Power Steering* can mean to you. Naturally, you'll marvel at its extreme driving ease the first time you take the wheel. But only when you settle down to a day in the field will you fully appreciate what it means to work without strain . . . to guide the tractor exactly where you want it to go without effort . . . to make one-hand turns with a hand free to operate other controls . . . to finish up without tired arms and aching shoulders. Best of all, John Deere Power Steering stays with you on every job every minute you're at the wheel. In deep sand, mud, or snow . . . working over rough ground . . . in practically every operating condition, you'll discover a new freedom from steering effort and driver fatigue, from tension that robs you of the alertness required for safe tractor operation. You'll find your efficiency goes 'way up and, naturally, so does the quality of your work. Once you've tried John Deere *Advanced Power Steering*, you'll never want to be without it again.

John Deere Power Steering is a quality-built integral part of the tractor. It is fully enclosed and protected between the radiator and grille. A separate pump furnishes ample hydraulic pressure to turn the wheels in all soil conditions.

America's ricefields are good proving grounds for John Deere Power Steering. In wet sticky soils, over levees, across ditches, and through depressions, the tireless hydraulic muscles let the operator steer the tractor with ease and accuracy.



EASE . . . such RIDING COMFORT

Float-Ride Seat offers you unmatched riding comfort

John Deere "630" and "730" Standard Tractors offer you the most comfortable tractor seat on the market—the John Deere *Float-Ride* Seat. Available as extra equipment, this seat absorbs the shocks and bumps of rough fields and provides you with a gentle floating ride. Plowed ground, levees, and other rough conditions present no comfort problem to you when your tractor is equipped with a *Float-Ride* Seat.

Here's How It Works

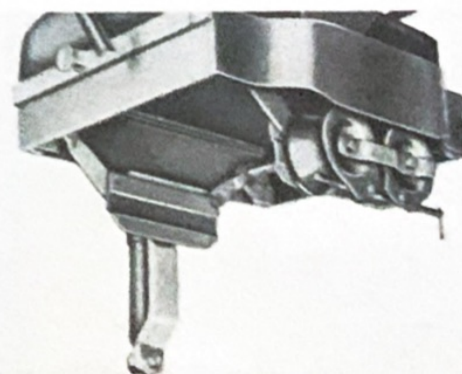
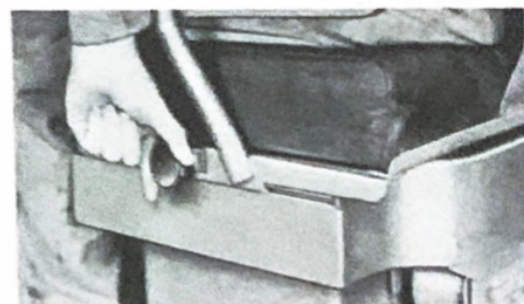
Shocks are absorbed by two rubber torsion springs plus a heavy-duty hydraulic cylinder mounted on the front of the seat. The rubber torsion springs can be easily and accurately adjusted to your weight for maximum comfort. A chart on the rear of the seat interprets your weight as a number between 1 and 9. By simply turning a handle until the pointer ("A" at right) is at the proper number, you can increase or decrease the tension on the springs to compensate for your weight. You can adjust the seat back and forth by simply pulling out the button stop and moving the seat as desired.

You Stay More Relaxed

The less fatigued you become, the more work you can accomplish. The *Float-Ride* Seat keeps you relaxed, free of tenseness; you stay more refreshed and are able to work longer hours with less fatigue. A *Float-Ride* Seat is a good investment even if you do not drive the tractor yourself. Your drivers will prefer to drive a tractor equipped with this comfortable seat; they'll be able to produce more work each day.

Foam-Rubber Cushion

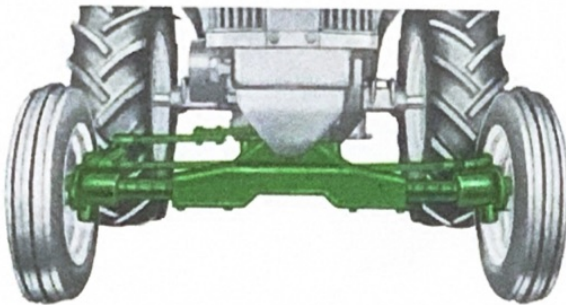
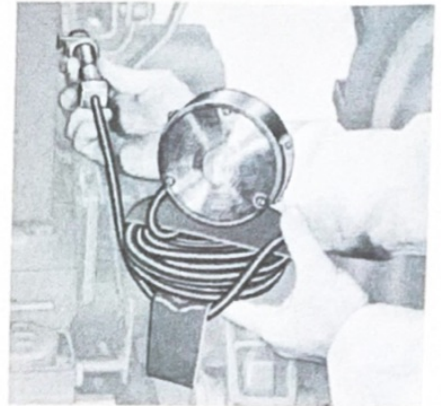
A foam-rubber seat cushion is regularly featured on the *Float-Ride* Seat and can be furnished in black or yellow. This cushion breathes with your movements; returns to its original shape immediately after use. A cushioned back rest can be moved up or down to fit individual requirements. The *Float-Ride* Seat slides onto the frame from the front; a sturdy stop prevents the seat from sliding off the back of the tractor—an important safety feature. Sturdy construction throughout insures a long life of service. At lower right, you see the heavy-duty frame and the powerful rubber torsion springs.



John Deere Tractor **ATTACHMENTS** for your

Warning Lamps

To prevent accidents on highways at night, John Deere makes available a tractor warning lamp and an implement warning lamp. The tractor lamp can be swung directly overhead on hilly roads; the implement lamp plugs into the electric outlet on the tractor (far right) and is held in a socket on the implement. Both lamps project beams visible for 500 feet—amber light in front; red light to the rear and at 90° angles.



Adjustable Front Axle

The new John Deere "630" and "730" Standard Tractors are regularly furnished with a 55-1/2-inch fixed-tread front axle. An adjustable-tread front axle (left) is available at extra cost. This axle offers several advantages under certain conditions. It provides added stability for hillside work, greater clearance for belt work, and matched tread with the rear wheels. This axle features a generous 20-degree oscillating range for more comfortable operation in rough fields. Tread settings of 52, 56, 60, 64, and 68 inches can be easily obtained.

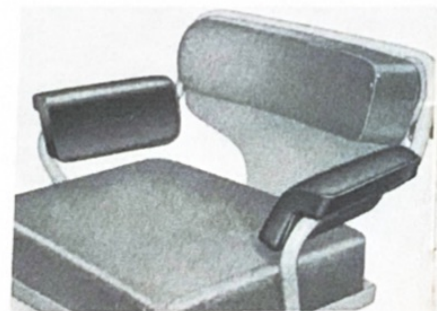
Speed-Hour Meter

This speed-hour meter takes the guesswork out of tractor operation and maintenance. It provides direct readings of powershaft speed . . . engine rpm . . . ground-travel speed in all gears . . . and records accumulated hours of service. It is invaluable when it comes to changing oil, replacing filter elements, and doing other prescribed service.



Arm Rests

With a pair of John Deere Arm Rests, you'll relax more and ride in greater comfort. Foam rubber pads protect your hips and thighs when working over rough ground or on hillsides. No bolting is necessary; the arm rests snap on quickly and easily. Available in black or yellow as you prefer.



Air-Vent Cushion

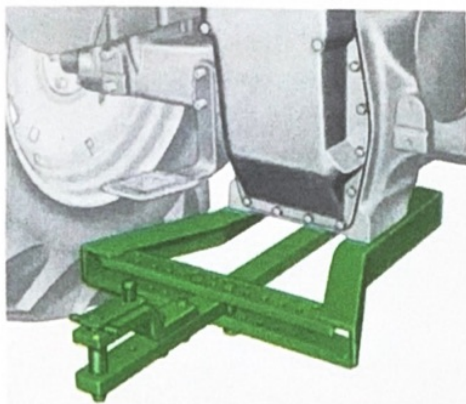
This brand-new John Deere Air-Vent Cushion is a real comfort and convenience feature in warm weather. This cushion provides ample ventilation to keep you cooler and more comfortable. The Air-Vent Cushion is sturdy enough to hold you off the seat cushion, yet is soft and springy for maximum comfort.



added safety and special requirements

Weather-Brake Cabs

The versatile John Deere Weather-Brake Cab is fully adaptable to any type weather. In cold weather, the windows and heavy rear curtain can be closed. Engine heat is directed back and held in the cab. As the weather warms, the engine side shields can be rolled back or removed, the windows opened to several positions or removed, and the rear curtain rolled out of the way. The cab can even be "stripped down" to the frame and roof and used as an umbrella in extremely hot weather. This cab is truly a quality product. It is made of heavy-duty waterproof and weather-resistant duck canvas and features double-stitched seams, tinted, vinyl windows, baked enamel hardware, spring-loaded straps, and corrosion-resistant fasteners. A heavy angle iron and tubular steel frame forms a sturdy "backbone." The cabs are tailored for a neat, snug fit on all "630" and "730" Standard Tractors.



Heavy-Duty Drawbar

For extra-heavy duty drawbar work, the new "630" and "730" Standards can be equipped with this special drawbar. Made extra strong . . . extra rigid, it can be bolted in any fixed position or used as a swinging drawbar. The flared sides of the frame permit maximum flexibility for short turns. The drawbar can be set in a "high" or "low" position by bolting the hammer strap on the upper or lower side of the drawbar. This drawbar cannot be used when the tractor is equipped with the Universal 3-Point Hitch.

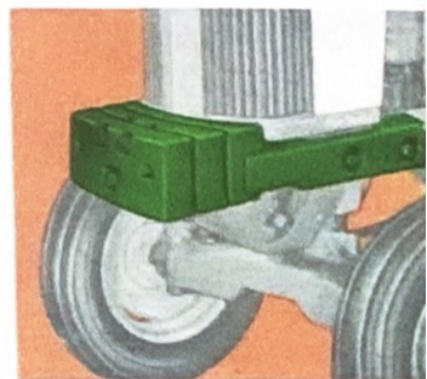
Other Accessories

Other John Deere Accessories for the new "630" and "730" Standard Tractors include:

- Foam Rubber Seat Cushion
- All-Steel Tractor Cab
- Pre-Cleaner Attachment
- Muffler Cover
- Cigarette Lighter
- Electric Fuel Gauge
- Seat Cushion Cover
- Air Stack Assembly
- Rear Exhaust and Tailpipe
- Tractor Umbrellas

Front-End Weights

Front-end weights are recommended to counterbalance heavy rear-mounted 3-point equipment. The number required will vary with implement weight. One weight for each side and three for the front make it possible to add quickly, easily, and attractively, the weight required for stability and positive steering.

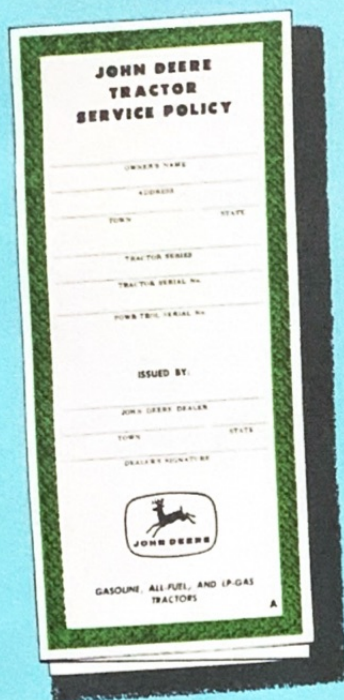


Rear-Wheel Weights

Cast-iron weights can be bolted to the rear wheels to provide extra traction in difficult conditions. Each weighs 150 pounds. Additional weight can be added by bolting weight to weight. Handholds built into the weights make installation easier and more convenient; help prevent pinching of fingers.



The New John Deere Service Policy



... your guarantee of satisfaction

When you buy a new John Deere "630" or "730" Standard Tractor, your dealer will present you with this John Deere Service Policy. It certifies that your tractor has been thoroughly checked before it was delivered to you; it provides for free inspection and service after 150 hours of operation; and it reaffirms the warranty for replacement of parts, as covered on the tractor purchase order. It is written proof that your John Deere dealer is interested in you and your tractor **after** the sale is made—another assurance of satisfaction with your new John Deere Tractor.

(Subject to Change Without Notice)

S P E C I F I C A T I O N S

POWER:*

Gasoline Engine
LP-Gas Engine
Diesel Engine
All-Fuel Engine**

SPEEDS, mph:

First
Second
Third
Fourth
Fifth
Sixth
Reverse

BELT PULLEY:

Diameter and Face
Revolutions per Minute
Belt Speed (Feet per Minute)
Belt Speed (Feet per Minute)
(ASAE-SAE Standard)

POWER TAKE-OFF (Engine Driven)

ENGINE:

Speed (rpm)
Bore and Stroke:
Gasoline, LP-Gas, and All-Fuel
Diesel
Governor
Carburetion
Ignition
Lubrication
Cooling

ELECTRICAL SYSTEM:

Lighting Gasoline,

FUEL TANK CAPACITY:

Gasoline Engine
LP-Gas Engine
Diesel Engine
All-Fuel Engine

WATER CAPACITY:

Gasoline, LP-Gas, and All-Fuel
Diesel

CLUTCH (Hand-Operated)

REAR TIRES AND WHEELS

FRONT TIRES AND WHEELS

REAR-WHEEL TREAD

FRONT-WHEEL TREAD:

Fixed Axle
Adjustable Axle

DRAWBAR

DIMENSIONS:

Over-All Width
Over-All Length
Over-All Height
Wheelbase

SHIPPING WEIGHT

630 STANDARD

Belt h.p.	Drawbar h.p.
48.68	44.16
50.34	45.78
35.68	32.66

14-30 Rear Tires

1-1/3
2-1/2
3-1/3
4-1/4
6
10-1/2
2-3/4

12-13/16-in. x 7-3/8-in.

1125
3775

3200 @ 955 rpm

540 rpm

1125

5-1/2-in. x 6-3/8-in.

Enclosed fly-ball type, one ball-thrust and two self-adjusting ball bearings

Dual induction system with double-barrelled carburetor and individually ported valves (all models except Diesel)

Camshaft-driven, automotive-type distributor (all models except Diesel)

Full force-feed pressure system with full-flow oil filter

By-pass cooling system, with centrifugal pump and heavy-duty thermostat

Gasoline, LP-Gas and All-Fuel tractors have 12-volt system with voltage regulator. Diesel Model offers choice of gasoline engine or fully electrical starting method. Cigarette lighter available on all models.

Two front lights and one rear combination white and red warning light

22-1/4 gallons (U.S.)

33 gallons (85%) (U.S.)

20-1/2 gallons (U.S.) plus 1 gallon gasoline (U.S.)

6-1/2 gallons (U.S.)

Four 10-in. dry disks

13-30, 6-ply

14-30, 6-ply

15-30, 6-ply Cane and Rice

6.00-16, 4-ply

6.50-18, 4-ply

7.50-18, 4-ply

62-in. to 80-in.

55-1/2-in.

52-in. to 68-in.

Conforms to ASAE-SAE standards for drawbar hitch location

86-5/8-in.

126-5/8-in.

81-7/8-in.

80-1/2-in.

6,480 lbs. (Gasoline)

6,780 lbs. (LP-Gas)

730 STANDARD

Belt h.p.	Drawbar h.p.
59.12	53.05
59.61	54.17
58.84	53.66
45.33	41.29

15-30 Rear Tires (Regular) (Optional)

1-1/3 2-1/4
2-1/4 3-1/4
3-1/2 4-1/3
4-1/3 5-1/2
5-1/2 8
11 11
3-1/4 3-1/4

12-7/8-in. x 7-3/8-in.

1125
3790

3200 @ 950 rpm

547 rpm

1125

6-in. x 6-3/8-in.

6-1/8-in. x 6-3/8-in.

26-1/2 gallons (U.S.)

33 gallons (85%) (U.S.)

20 gallons (U.S.) plus 1 quart gasoline for starting engine

20-1/2 gallons (U.S.) plus 1 gallon gasoline (U.S.)

7-1/8 gallons (U.S.)

7 gallons (U.S.)

Six 10-in. dry disks

14-30, 6-ply

15-30, 6-ply

18-26, 8-ply

15-30, 6-ply Cane and Rice

18-26, 8-ply Cane and Rice

6.50-18, 4-ply

7.50-18, 4- or 6-ply

86-5/8-in.

130-1/4-in.

87-7/8-in.

82-3/8-in.

7,380 lbs. (Gasoline)

7,690 lbs. (LP-Gas)

7,790 lbs. (Diesel)

*Sea level (calculated); maximum horsepower based on 60°F. and 29.92 in. Hg.

**The All-Fuel engine handles "farm tractor fuels" designated by ASTM (American Standard for Testing Materials) as either light or regular grade.

Enjoy 6-plow power... outstanding fuel economy
in the **NEW JOHN DEERE 830 DIESEL**



The new 6-plow John Deere "830" Diesel Tractor provides more than 75 belt horsepower in a tractor that meets every requirement of grain growers, rice growers, and other farmers with large tillage operations. The new "830" inspires the use of larger equipment, the placing of more acres into cropland, the accomplishment of more work—better done—by a single man. You'll lower your operating costs with a new "830" Diesel. This tractor is unmatched by any other in its class for fuel economy, it offers added savings in upkeep costs, and slashes labor cost by greatly increasing your daily work output. In addition, the new "830" Diesel is available with every modern John Deere tractor feature to save you time and effort and insure better work. In every respect, the new "830" Diesel is a value-packed tractor . . . the finest 6-plow tractor investment on the market.

Ask your John Deere Dealer for a Free Tractor Demonstration

